

**Memorandum of Agreement**  
**between the**  
**National Spent Nuclear Fuel Program Office**  
**and the**  
**Department of Energy-Oak Ridge Operations Office**  
**for**  
**Coordination of Quality Assurance Activities**  
**Associated with DOE-Owned Spent Nuclear Fuel**

**Purpose**

This MOA documents agreements necessary for coordinating the National Spent Nuclear Fuel (NSNF) Program quality assurance (QA) activities between the NSNF Program Office and the DOE-Oak Ridge Operations Office (DOE-ORO) committed to in the MOA in Reference 1. This agreement also addresses QA activities to be performed by the management and integration (M&I) contractor under DOE-ORO direction.

**Agreement**

The NSNF Program Office and support organizations work with RW, EM-65, EM-67, the DOE-ORO, and the ORO M&I contractor, to coordinate SNF activities and to provide programmatic communications and resources intended to ensure acceptance of SNF into the repository.

DOE-ORO delegates responsibility for execution of the QA function to its M&I contractor.

The M&I contractor is required to establish a QA program that meets the DOE/RW-0333P, Quality Assurance Requirements and Description (QARD) document for items and activities that could affect the acceptance of DOE-owned Spent Nuclear Fuel (SNF) in a Office of Civilian Radioactive Waste Management (OCRWM) managed Nuclear Regulatory Commission (NRC) licensed facility.

DOE-ORO transmits the following submittals received from its M&I contractor to the NSNF Quality Assurance Program Manager (QAPM):

- QARD, Section 2 required documents and changes to documents;

- M&I SNF items and activities list (Q-lists);
- changes to the QA program requirements matrix as necessary whenever the QARD or implementing procedures are revised;
- audit, surveillance, and assessment schedules, identifying SNF-related activities at the beginning of each quarter, and;
- QARD, Section 2 required QA program information reports each quarter.

The NSNF QAPM, working through DOE-ORO, assesses the ORO M&I contractor's QA program for implementation effectiveness.

The M&I contractor is required to provide access to facilities, personnel, and records to support NSNF QAPM assessment activities.

### **Observers**

Both parties agree that RW staff, NRC, as well as representatives from affected units of state and local government will be permitted, consistent with security access and safety rules, to observe the QAPM evaluation of the ORO M&I contractor's SNF QA program.

### **References**

1. Memorandum of Agreement between the Deputy Assistant Secretary, Office of Nuclear Material and Facility Stabilization (EM-60), Office of Environmental Management, Headquarters, Washington, D.C., and the Director, Office of Quality Assurance (RW-3), Office of Civilian Radioactive Waste Management, entitled "Coordination and Implementation of Quality Assurance Activities Associated with DOE-Owned Spent Nuclear Fuel," signed July 25, 1997.
2. DOE/RW-0333P, Office of Civilian Radioactive Waste Management, Quality Assurance Requirements and Description (QARD).

**CONCURRENCE**

Signed by Helen Bilson Date: 10-16-97  
Helen E. Bilson, Director  
Oak Ridge Office (EM-65)

Signed by R.D. Davis Date: 10-30-97  
Robert D. Davis, QAPM  
National Spent Nuclear Fuel Program

Signed by P. J. Dirkmaat Date: 10-30-97  
Peter J. Dirkmaat, Manager,  
DOE Spent Nuclear Fuel Program

Signed by B. Demonia Date: 10-30-97  
Brian C. DeMonia, Manager  
Oak Ridge Spent Nuclear Fuel Program

Signed by Ken Chacey Date: 10-15-97  
Kenneth A. Chacey, Director, Office of Spent  
Fuel Management (EM-67)

Signed by James Boyd Date: 10-30-97  
James H. Boyd, Program Manager  
DOE NSNF Program